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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS EXPRESS			OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:35:40 ON 03 JAN 2005

=> file caplus

FILE 'CAPLUS' ENTERED AT 16:36:02 ON 03 JAN 2005

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FILE COVERS 1907 - 3 Jan 2005 VOL 142 ISS 2

FILE LAST UPDATED: 31 Dec 2004 (20041231/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> e elomri, a/au

E1	1	ELOMRI A/AU
E2	9	ELOMRI ABDELHAKIM/AU
E3	0 -->	ELOMRI, A/AU
E4	1	ELON L/AU
E5	2	ELON LISA/AU
E6	1	ELON LISA K/AU
E7	4	ELONEN COLLEEN M/AU
E8	15	ELONEN E/AU
E9	23	ELONEN ERKKI/AU
E10	1	ELONEN ESA/AU
E11	5	ELONEN GREGORY E/AU
E12	2	ELONEN JORMA/AU

=> s e1 and e2 and 1992/py

	1	"ELOMRI A"/AU
	9	"ELOMRI ABDELHAKIM"/AU
	667791	1992/PY
L1	0	"ELOMRI A"/AU AND "ELOMRI ABDELHAKIM"/AU AND 1992/PY

=> s e1 and e2 and 34/vl

	1	"ELOMRI A"/AU
	9	"ELOMRI ABDELHAKIM"/AU
	178498	34/VL
L2	0	"ELOMRI A"/AU AND "ELOMRI ABDELHAKIM"/AU AND 34/VL

=> s e1 and e2

	1	"ELOMRI A"/AU
	9	"ELOMRI ABDELHAKIM"/AU
L3	0	"ELOMRI A"/AU AND "ELOMRI ABDELHAKIM"/AU

=> s (e1 OR e2) and 34/vl

	1	"ELOMRI A"/AU
--	---	---------------

```

          9 "ELOMRI ABDELHAKIM"/AU
178498 34/VL
L4      1 ("ELOMRI A"/AU OR "ELOMRI ABDELHAKIM"/AU) AND 34/VL

```

```

=> select rn 1-
ENTER ANSWER SET OR SMARTSELECT L# OR (L4):.
E1 THROUGH E10 ASSIGNED

```

```

=> e loughhead, da/au
E1      15      LOUGHHEAD R E/AU
E2      1      LOUGHHEAD RALPH/AU
E3      0 --> LOUGHHEAD, DA/AU
E4      1      LOUGHHEED THOMAS C/AU
E5      6      LOUGHHEED T C/AU
E6      1      LOUGHIMO JOHANNA/AU
E7      12      LOUGHIN S/AU
E8      6      LOUGHIN STEPHEN/AU
E9      1      LOUGHIN T/AU
E10     8      LOUGHIN T M/AU
E11     7      LOUGHIN THOMAS/AU
E12     4      LOUGHIN THOMAS A/AU

```

```

=> e loughhead da/au
E1      1      LOUGHER WM/AU
E2      2      LOUGHHEAD D G/AU
E3      0 --> LOUGHHEAD DA/AU
E4      1      LOUGHHEAD DAVID/AU
E5      12      LOUGHHEAD DAVID G/AU
E6      6      LOUGHHEAD DAVID GARRETT/AU
E7      1      LOUGHHEAD H O/AU
E8      15      LOUGHHEAD R E/AU
E9      1      LOUGHHEAD RALPH/AU
E10     1      LOUGHHEED THOMAS C/AU
E11     6      LOUGHHEED T C/AU
E12     1      LOUGHIMO JOHANNA/AU

```

```

=> s e2-e6 and 55/vl and 1990/py
          2 "LOUGHHEAD D G"/AU
          0 "LOUGHHEAD DA"/AU
          1 "LOUGHHEAD DAVID"/AU
          12 "LOUGHHEAD DAVID G"/AU
          6 "LOUGHHEAD DAVID GARRETT"/AU
97259 55/VL
586490 1990/PY
L5      1 ("LOUGHHEAD D G"/AU OR "LOUGHHEAD DA"/AU OR "LOUGHHEAD DAVID"/AU
          OR "LOUGHHEAD DAVID G"/AU OR "LOUGHHEAD DAVID GARRETT"/AU) AND
          55/VL AND 1990/PY

```

```

=> s ep-1061081?/pn
L6      1 EP-1061081?/PN
          (EP1061081?/PN)

```

```

=> select rn 1- 14
E1 THROUGH E10 ASSIGNED

```

```

=> select rn 1- 15
E11 THROUGH E15 ASSIGNED

```

10/612,667 Thomas McKenzie

=> select rn 1- 16  
E16 THROUGH E56 ASSIGNED

=> file reg  
FILE 'REGISTRY' ENTERED AT 16:41:58 ON 03 JAN 2005  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1  
DICTIONARY FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1

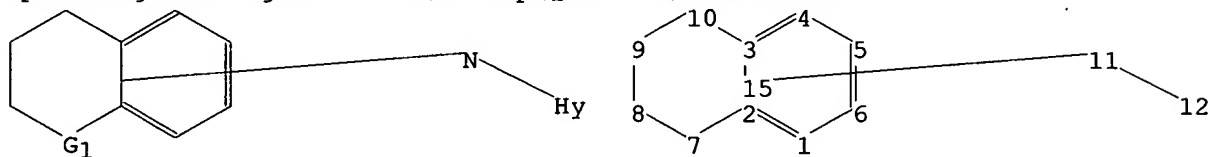
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10612667.str



chain nodes :  
11 12  
ring nodes :  
1 2 3 4 5 6 7 8 9 10  
chain bonds :  
11-12  
ring bonds :  
1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10  
exact/norm bonds :  
2-7 3-10 7-8 8-9 9-10 11-12  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 1 :

G1:C,O,S

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:Atom 15:CLASS

10/612,667 Thomas McKenzie

Generic attributes :

12:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2

Type of Ring System : Monocyclic

Element Count :

Node 12: Limited

N,N1

L7 STRUCTURE UPLOADED

=> s pyridine/cn;d rsd

L8 1 PYRIDINE/CN

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

Ring System Data

Elemental Analysis	Elemental Sequence	Size of the Rings	Ring System Formula	Ring Identifier	RID Occurrence
EA	ES	SZ	RF	RID	Count
C5N	NC5	6	C5N	46.156.30	1

=> s el-e10 and 46.156.30/rid

1 1111-97-3/BI  
(1111-97-3/RN)  
1 142729-19-9/BI  
(142729-19-9/RN)  
1 142729-20-2/BI  
(142729-20-2/RN)  
1 142729-21-3/BI  
(142729-21-3/RN)  
1 554-84-7/BI  
(554-84-7/RN)  
1 86824-63-7/BI  
(86824-63-7/RN)  
1 88-65-3/BI  
(88-65-3/RN)  
1 92599-96-7/BI  
(92599-96-7/RN)  
1 96861-92-6/BI  
(96861-92-6/RN)  
1 96861-93-7/BI  
(96861-93-7/RN)

1202080 46.156.30/RID

L9 0 (1111-97-3/BI OR 142729-19-9/BI OR 142729-20-2/BI OR 142729-21-3/BI OR 554-84-7/BI OR 86824-63-7/BI OR 88-65-3/BI OR 92599-96-7/BI OR 96861-92-6/BI OR 96861-93-7/BI) AND 46.156.30/RID

=> s e11-e15 and 46.156.30/rid  
1 125108-96-5/BI  
(125108-96-5/RN)  
1 13255-08-8/BI  
(13255-08-8/RN)  
1 66385-03-3/BI  
(66385-03-3/RN)  
1 7008-42-6/BI  
(7008-42-6/RN)  
1 88-65-3/BI  
(88-65-3/RN)

1202080 46.156.30/RID  
L10 0 (125108-96-5/BI OR 13255-08-8/BI OR 66385-03-3/BI OR 7008-42-6/BI OR 88-65-3/BI) AND 46.156.30/RID

=> s e16-e56 and 46.156.30/rid  
1 104-78-9/BI  
(104-78-9/RN)  
1 108-00-9/BI  
(108-00-9/RN)  
1 108-30-5/BI  
(108-30-5/RN)  
1 108-55-4/BI  
(108-55-4/RN)  
1 108-73-6/BI  
(108-73-6/RN)  
1 1111-97-3/BI  
(1111-97-3/RN)  
1 1118-68-9/BI  
(1118-68-9/RN)  
1 139373-61-8/BI  
(139373-61-8/RN)  
1 197973-60-7/BI  
(197973-60-7/RN)  
1 2038-03-1/BI  
(2038-03-1/RN)  
1 20717-80-0/BI  
(20717-80-0/RN)  
1 228851-50-1/BI  
(228851-50-1/RN)  
1 228851-51-2/BI  
(228851-51-2/RN)  
1 228851-53-4/BI  
(228851-53-4/RN)  
1 228851-56-7/BI  
(228851-56-7/RN)  
1 284671-56-3/BI  
(284671-56-3/RN)  
1 313340-40-8/BI  
(313340-40-8/RN)  
1 313340-41-9/BI  
(313340-41-9/RN)  
1 313340-42-0/BI  
(313340-42-0/RN)

1 313340-43-1/BI  
 (313340-43-1/RN)  
 1 313340-44-2/BI  
 (313340-44-2/RN)  
 1 313340-45-3/BI  
 (313340-45-3/RN)  
 1 313340-46-4/BI  
 (313340-46-4/RN)  
 1 313340-47-5/BI  
 (313340-47-5/RN)  
 1 313340-48-6/BI  
 (313340-48-6/RN)  
 1 313340-49-7/BI  
 (313340-49-7/RN)  
 1 313340-50-0/BI  
 (313340-50-0/RN)  
 1 313340-51-1/BI  
 (313340-51-1/RN)  
 1 313340-52-2/BI  
 (313340-52-2/RN)  
 1 313340-53-3/BI  
 (313340-53-3/RN)  
 1 313340-54-4/BI  
 (313340-54-4/RN)  
 1 313340-55-5/BI  
 (313340-55-5/RN)  
 1 313340-56-6/BI  
 (313340-56-6/RN)  
 1 313340-57-7/BI  
 (313340-57-7/RN)  
 1 313340-58-8/BI  
 (313340-58-8/RN)  
 1 4530-20-5/BI  
 (4530-20-5/RN)  
 1 543-24-8/BI  
 (543-24-8/RN)  
 1 5959-52-4/BI  
 (5959-52-4/RN)  
 1 66385-04-4/BI  
 (66385-04-4/RN)  
 1 693-11-8/BI  
 (693-11-8/RN)  
 1 814-68-6/BI  
 (814-68-6/RN)  
 1202080 46.156.30/RID  
 L11 0 (104-78-9/BI OR 108-00-9/BI OR 108-30-5/BI OR 108-55-4/BI OR  
 108-73-6/BI OR 1111-97-3/BI OR 1118-68-9/BI OR 139373-61-8/BI  
 OR 197973-60-7/BI OR 2038-03-1/BI OR 20717-80-0/BI OR 228851-50-  
 1/BI OR 228851-51-2/BI OR 228851-53-4/BI OR 228851-56-7/BI OR  
 284671-56-3/BI OR 313340-40-8/BI OR 313340-41-9/BI OR 313340-42-  
 0/BI OR 313340-43-1/BI OR 313340-44-2/BI OR 313340-45-3/BI OR  
 313340-46-4/BI OR 313340-47-5/BI OR 313340-48-6/BI OR 313340-49-  
 7/BI OR 313340-50-0/BI OR 313340-51-1/BI OR 313340-52-2/BI OR  
 313340-53-3/BI OR 313340-54-4/BI OR 313340-55-5/BI OR 313340-56-  
 6/BI OR 313340-57-7/BI OR 313340-58-8/BI OR 4530-20-5/BI OR  
 543-24-8/BI OR 5959-52-4/BI OR 66385-04-4/BI OR 693-11-8/BI OR  
 814-68-6/BI) AND 46.156.30/RID

10/612,667 Thomas McKenzie

=> s 17

SAMPLE SEARCH INITIATED 16:43:55 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 163550 TO ITERATE

0.6% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 0

L12 0 SEA SSS SAM L7

=> s 46.156.30/rid

L13 1202080 46.156.30/RID

=> s 17 subset = l13 sample

SAMPLE SUBSET SEARCH INITIATED 16:44:43 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 6151 TO ITERATE

16.3% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

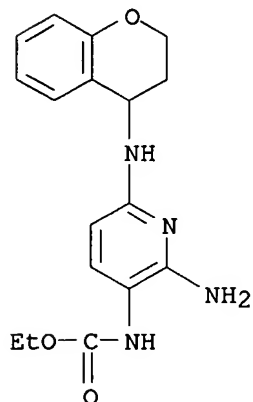
2 ANSWERS

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 118318 TO 127722  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 36 TO 456

L14 2 SEA SUB=L13 SSS SAM L7

=> d scan

L14 2 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Carbamic acid, [2-amino-6-[(3,4-dihydro-2H-1-benzopyran-4-yl)amino]-3-pyridinyl]-, ethyl ester (9CI)  
MF C17 H20 N4 O3  
CI COM





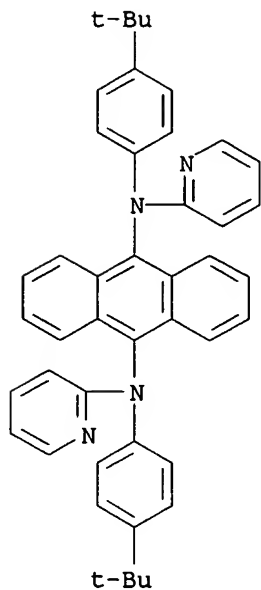
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L14 2 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9,10-Anthracenediamine, N,N'-bis[4-(1,1-dimethylethyl)phenyl]-N,N'-di-2-pyridinyl- (9CI)

MF C44 H42 N4

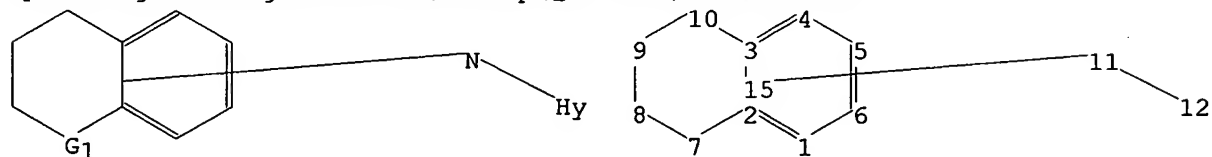


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=>

Uploading C:\Program Files\Stnexp\Queries\10612667.str



chain nodes :

11 12

ring nodes :

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1 2 3 4 5 6 7 8 9 10

chain bonds :

11-12

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10

exact/norm bonds :

2-7 3-10 7-8 8-9 9-10 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:CLASS 12:Atom 15:CLASS

Generic attributes :

12:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2

Type of Ring System : Monocyclic

Element Count :

Node 12: Limited

N,N1

L15 STRUCTURE UPLOADED

=> s l15 subset = l13 full

FULL SUBSET SEARCH INITIATED 16:46:03 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 79286 TO ITERATE

100.0% PROCESSED 79286 ITERATIONS

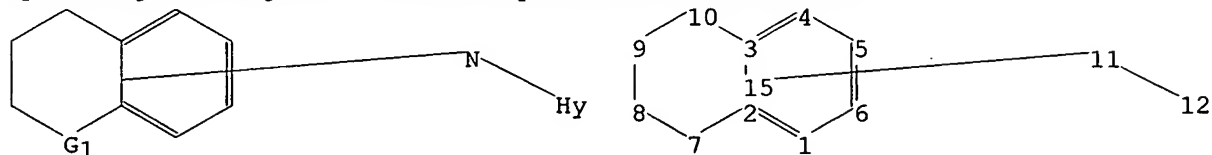
308 ANSWERS

SEARCH TIME: 00.00.02

L16 308 SEA SUB=L13 SSS FUL L15

=>

Uploading C:\Program Files\Stnexp\Queries\10612667.str



chain nodes :

11 12

ring nodes :

10/612,667 Thomas McKenzie

1 2 3 4 5 6 7 8 9 10

chain bonds :

11-12

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10

exact/norm bonds :

2-7 3-10 7-8 8-9 9-10 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:CLASS 12:Atom 15:CLASS

Generic attributes :

12:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2

Type of Ring System : Monocyclic

Element Count :

Node 12: Limited

N,N1

L17 STRUCTURE UPLOADED

=> s l17 subset = l16 full

FULL SUBSET SEARCH INITIATED 16:47:47 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 308 TO ITERATE

100.0% PROCESSED 308 ITERATIONS

240 ANSWERS

SEARCH TIME: 00.00.01

L18 240 SEA SUB=L16 SSS FUL L17

=> s l16 not l18

L19 68 L16 NOT L18

=> file caplus, caold; s l19

FILE 'CAPLUS' ENTERED AT 16:48:28 ON 03 JAN 2005

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FILE 'CAOLD' ENTERED AT 16:48:28 ON 03 JAN 2005

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L20 43 L19

=> sort py l20

SORT ENTIRE ANSWER SET? (Y)/N:.

2 ANSWERS DID NOT HAVE 'PY' SORT FIELD

PROCESSING COMPLETED FOR L20

L21 43 SORT L20 PY

=> d 1-43 cbib pi hitstr

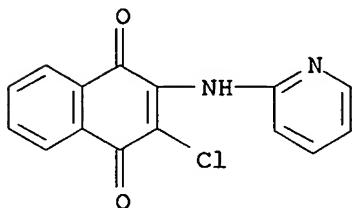
L21 ANSWER 1 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1951:13829 Document No. 45:13829 Original Reference No. 45:2455e-h The preparation of amine derivatives of 2-chloro-1,4-naphthoquinone. Calandra, J. C.; Adams, Ernest C., Jr. (Northwestern Univ. Dental School, Chicago). Journal of the American Chemical Society, 72, 4804 (Unavailable) 1950. CODEN: JACSAT. ISSN: 0002-7863.

IT 7248-75-1, 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (preparation of)

RN 7248-75-1 CAPLUS

CN 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX NAME)



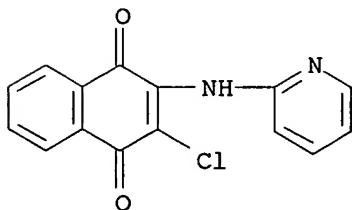
L21 ANSWER 2 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1951:4341 Document No. 45:4341 Original Reference No. 45:761b-c Inhibition of acid formation in the mouth by amino derivatives of 2,3-dichloro-1,4-naphthoquinone. Calandra, J. C.; Adams, Ernest C., Jr. (Northwestern Univ. Dental School, Chicago). Journal of Dental Research, 29, 593-5 (Unavailable) 1950. CODEN: JDREAF. ISSN: 0022-0345.

IT 7248-75-1, 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (effect on acid formation in mouth)

RN 7248-75-1 CAPLUS

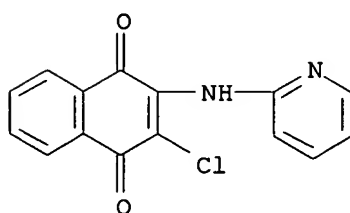
CN 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX NAME)



L21 ANSWER 3 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1954:42521 Document No. 48:42521 Original Reference No. 48:7639e-i  
N-(2-Pyridyl)-2-chloro-3-amino-1,4-naphthoquinones. Calandra, Joseph C.;  
Adams, Ernest C., Jr. (Research Corp.). US 2647123 19530728  
(Unavailable). APPLICATION: US .

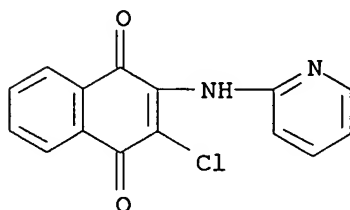
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2647123		19530728	US	
IT	7248-75-1, 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (and related compds.)				
RN	7248-75-1 CAPLUS				
CN	1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX NAME)				



L21 ANSWER 4 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1958:29986 Document No. 52:29986 Original Reference No. 52:5405i,5406a-c  
Benzo[d]pyrido[a]benzimidazole-4,9-quinone. Truitt, Price; Cooper, James  
Erwin, III; Wood, Frank M., Jr. (North Texas State Coll., Denton).  
Journal of the American Chemical Society, 79, 5708-10 (Unavailable) 1957.  
CODEN: JACSAT. ISSN: 0002-7863. OTHER SOURCES: CASREACT 52:29986.

IT 7248-75-1, 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)-  
(preparation of)  
RN 7248-75-1 CAPLUS  
CN 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX.  
NAME)



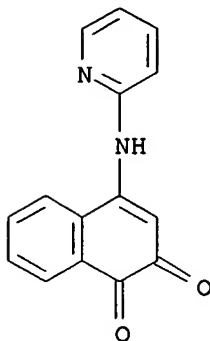
L21 ANSWER 5 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1964:484014 Document No. 61:84014 Original Reference No. 61:14598a-b  
Naphthoquinone chemistry. III. New derivatives of 1,2- and  
1,4-naphthoquinone. Mosby, W. L.; Silva, M. L. (Am. Cyanamid Co., Bound  
Brook, NJ). Journal of the Chemical Society, Abstracts (Oct.), 3990-4  
(Unavailable) 1964. CODEN: JCSAAZ. ISSN: 0590-9791.

IT 25132-23-4, 1,2-Naphthoquinone, 4-(2-pyridylamino)-  
25132-24-5, 1,2-Naphthoquinone, 4-(3-pyridylamino)-  
92427-62-8, 1,2-Naphthoquinone, 4-(4-pyridylamino)-  
92427-63-9, 1,4-Naphthoquinone, 2-(3-pyridylamino)-  
93432-42-9, 1,4-Naphthoquinone, 2-(2-pyridylamino)-  
(preparation of)

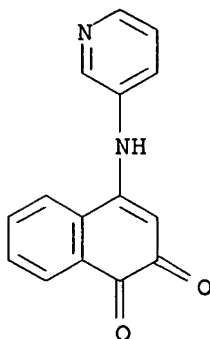
RN 25132-23-4 CAPLUS

CN 1,2-Naphthalenedione, 4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



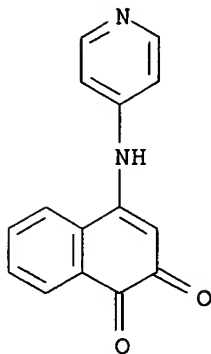
RN 25132-24-5 CAPLUS

CN 1,2-Naphthalenedione, 4-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



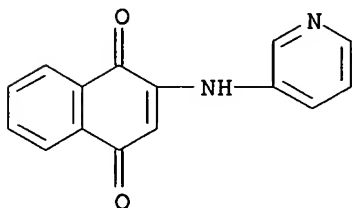
RN 92427-62-8 CAPLUS

CN 1,2-Naphthoquinone, 4-(4-pyridylamino)- (7CI) (CA INDEX NAME)



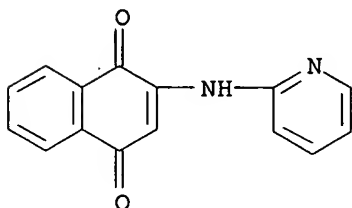
RN 92427-63-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 93432-42-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



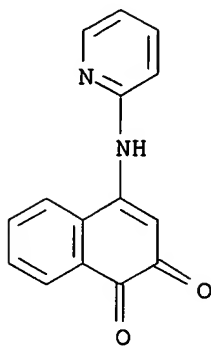
L21 ANSWER 6 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1964:484013 Document No. 61:84013 Original Reference No. 61:14597f-h,14598a  
Oxidation of aromatic primary amines by oxygen. Kawabata, Toshihiko;  
Tanimoto, Shigeo; Oda, Ryohei (Univ. Kyoto, Japan). Kogyo Kagaku Zasshi,  
67(8), 1151-2 (Unavailable) 1964. CODEN: KGKZA7. ISSN: 0368-5462.

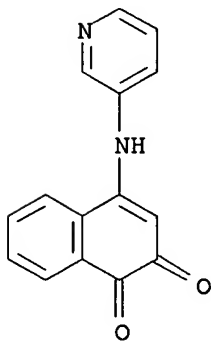
IT 25132-23-4, 1,2-Naphthoquinone, 4-(2-pyridylamino)-  
25132-24-5, 1,2-Naphthoquinone, 4-(3-pyridylamino)-  
92427-62-8, 1,2-Naphthoquinone, 4-(4-pyridylamino)-  
92427-63-9, 1,4-Naphthoquinone, 2-(3-pyridylamino)-  
93432-42-9, 1,4-Naphthoquinone, 2-(2-pyridylamino)-  
(preparation of)

RN 25132-23-4 CAPLUS

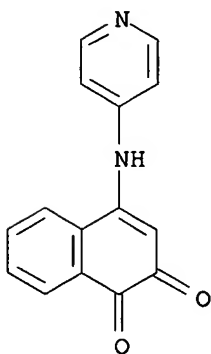
CN 1,2-Naphthalenedione, 4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 25132-24-5 CAPLUS  
CN 1,2-Naphthalenedione, 4-(3-pyridinylamino)- (9CI) (CA INDEX NAME)

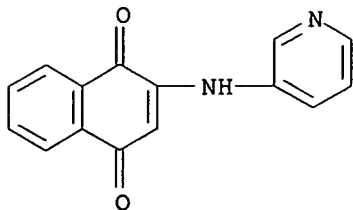


RN 92427-62-8 CAPLUS  
CN 1,2-Naphthoquinone, 4-(4-pyridylamino)- (7CI) (CA INDEX NAME)



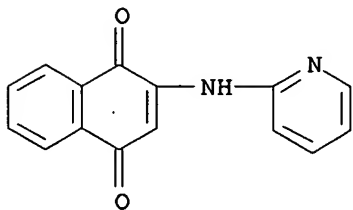
RN 92427-63-9 CAPLUS  
CN 1,4-Naphthalenedione, 2-(3-pyridinylamino)- (9CI) (CA INDEX NAME)





RN 93432-42-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 7 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

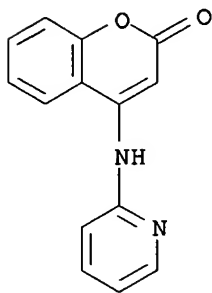
1970:12491 Document No. 72:12491 4-Hydroxycoumarins. IX. Chlorination of 4-hydroxycoumarin and reactions of 4-chlorocoumarin with sodium derivatives of esters and ketones containing an active methylene group. Checchi, Silvio; Pecori Vettori, Lorenzo; Pinzauti, Sergio (Ist. Chim. Farm., Univ. Firenze, Florence, Italy). Gazzetta Chimica Italiana, 99(5), 501-13 (Italian) 1969. CODEN: GCITA9. ISSN: 0016-5603.

IT 24526-84-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 24526-84-9 CAPLUS

CN Coumarin, 4-(2-pyridylamino)- (8CI) (CA INDEX NAME)



L21 ANSWER 8 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1969:481296 Document No. 71:81296 Cycloaddition of pyridyl- and pyrimidinyl azides [to olefins and acetylenes]. Huisgen, Rolf; Von Fraunberg, Karl; Sturm, Hans J. (Univ. Muenchen, Munich, Fed. Rep. Ger.). Tetrahedron Letters (30), 2589-94 (German) 1969. CODEN: TELEAY. ISSN: 0040-4039.

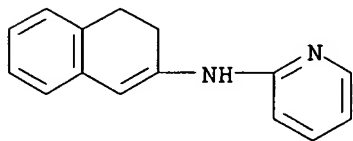
OTHER SOURCES: CASREACT 71:81296.

IT 23951-70-4P 23951-71-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

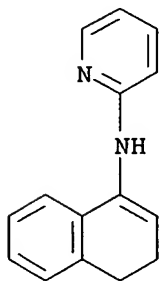
RN 23951-70-4 CAPLUS

CN Pyridine, 2-[(3,4-dihydro-2-naphthyl)amino]- (8CI) (CA INDEX NAME)



RN 23951-71-5 CAPLUS

CN Pyridine, 2-[(3,4-dihydro-1-naphthyl)amino]- (8CI) (CA INDEX NAME)



L21 ANSWER 9 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

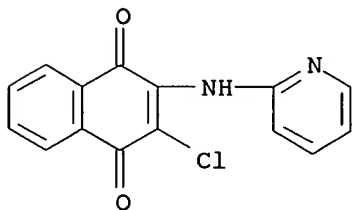
1969:57493 Document No. 70:57493 Potential antimalarial agents. Derivatives of 2-chloro-1,4-naphthoquinone. Prescott, Benjamin (Nat. Inst. of Allergy and Infec. Dis., Nat. Inst. of Health, Bethesda, MD, USA). Journal of Medicinal Chemistry, 12(1), 181-2 (English) 1969. CODEN: JMCMAR. ISSN: 0022-2623.

IT 7248-75-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 7248-75-1 CAPLUS

CN 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX NAME)



L21 ANSWER 10 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

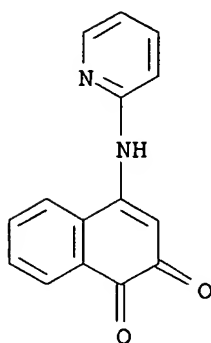
1970:55068 Document No. 72:55068 Synthetic schistosomicides. XIV.  
1,4-Naphthoquinone mono(O-acyloximes), 4-amino-1,2-naphthoquinones,  
2-amino-3-chloro-1,4-naphthoquinones, and other naphthoquinones.  
Elslager, Edward F.; Werbel, Leslie M.; Worth, Donald F. (Med. and Sci.  
Affairs Div., Parke, Davis and Co., Ann Arbor, MI, USA). Journal of  
Medicinal Chemistry, 13(1), 104-9 (English) 1970. CODEN: JMCMAR. ISSN:  
0022-2623.

IT 25132-23-4P 25132-24-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

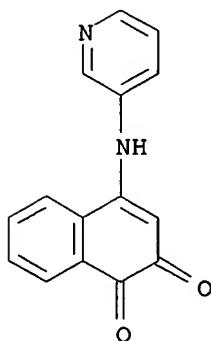
RN 25132-23-4 CAPLUS

CN 1,2-Naphthalenedione, 4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 25132-24-5 CAPLUS

CN 1,2-Naphthalenedione, 4-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 11 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1973:12040 Document No. 78:12040 Bacteriostatic activity of 6- and 7-amino  
and N-substituted aminoflavones. Lakshmi, M. Vijaya; Rao, N. V. Subba  
(Dep. Chem., Osmania Univ., Hyderabad, India). Current Science, 41(18),  
680-1 (English) 1972. CODEN: CUSCAM. ISSN: 0011-3891.

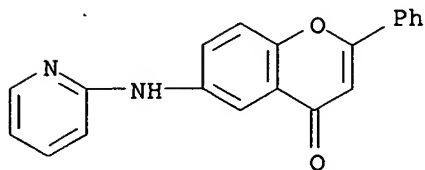
IT 39924-72-6P 39924-74-8P 39924-77-1P  
39944-91-7P

RL: PREP (Preparation)  
(preparation of)

RN 39924-72-6 CAPLUS

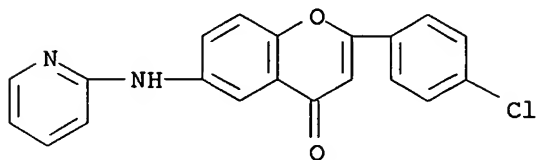
CN 4H-1-Benzopyran-4-one, 2-phenyl-6-(2-pyridinylamino)- (9CI) (CA INDEX

NAME)



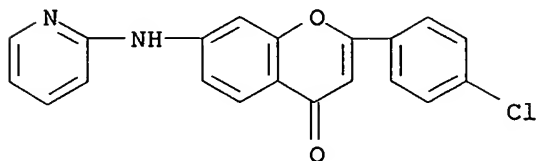
RN 39924-74-8 CAPLUS

CN 4H-1-Benzopyran-4-one, 2-(4-chlorophenyl)-6-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



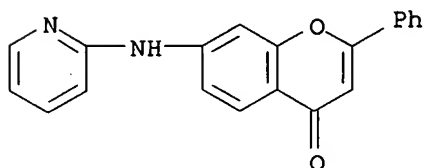
RN 39924-77-1 CAPLUS

CN 4H-1-Benzopyran-4-one, 2-(4-chlorophenyl)-7-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 39944-91-7 CAPLUS

CN 4H-1-Benzopyran-4-one, 2-phenyl-7-(2-pyridinylamino)- (9CI) (CA INDEX NAME)

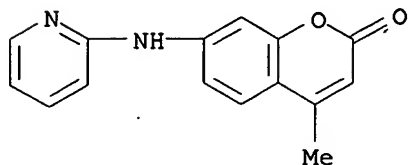


L21 ANSWER 12 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1974:412619 Document No. 81:12619 Anomalous fluorescence and laser emission from 7-alkylaminocoumarins in acid solutions. Srinivasan, R.; Von Gutfeld, R. J.; Angadiyavar, C. S.; Dreyfus, R. W. (Thomas J. Watson Res. Cent., IBM, Yorktown Heights, NY, USA). Chemical Physics Letters, 25(4), 537-40 (English) 1974. CODEN: CHPLBC. ISSN: 0009-2614.

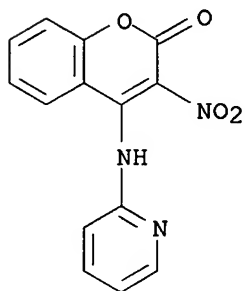
IT 52840-37-6

RL: PRP (Properties)  
(fluorescence and protonation of)  
RN 52840-37-6 CAPLUS  
CN 2H-1-Benzopyran-2-one, 4-methyl-7-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 13 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
1975:588296 Document No. 83:188296 Synthesis and pharmacological activity of 4-amino-3-nitrocoumarins. Savel'ev, V. L.; Pryanishnikova, N. T.; Artamonova, O. S.; Fedina, I. V.; Zagorevskii, V. A. (Inst. Farmakol., Moscow, USSR). Khimiko-Farmatsevticheskii Zhurnal, 9(6), 10-12 (Russian) 1975. CODEN: KHFZAN. ISSN: 0023-1134. OTHER SOURCES: CASREACT 83:188296.

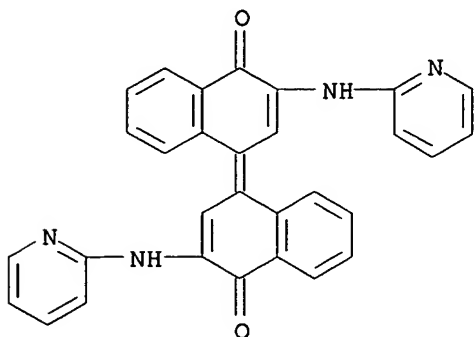
IT **56962-67-5P**  
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
(preparation and pharmacol. of)  
RN 56962-67-5 CAPLUS  
CN 2H-1-Benzopyran-2-one, 3-nitro-4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 14 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
1980:567995 Document No. 93:167995 Anilinoquinones and quinoneanils from 4,4'-bi(1,2-naphthoquinone). Wittmann, Helga; Jeller, Heinz (Inst. Org. Chem., Univ. Graz, Graz, A-8010, Austria). Monatshefte fuer Chemie, 111(1), 199-211 (German) 1980. CODEN: MOCMB7. ISSN: 0026-9247. OTHER SOURCES: CASREACT 93:167995.

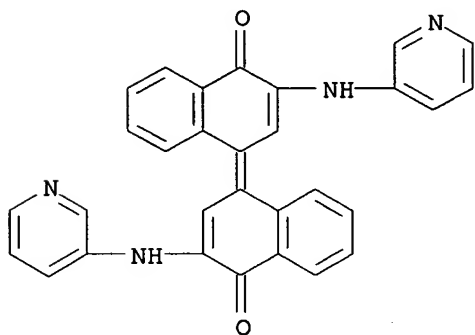
IT **74362-99-5P 74363-00-1P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 74362-99-5 CAPLUS  
CN 1(4H)-Naphthalenone, 4-[4-oxo-3-(2-pyridinylamino)-1(4H)-

naphthalenylidene]-2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 74363-00-1 CAPLUS

CN 1(4H)-Naphthalenone, 4-[4-oxo-3-(3-pyridinylamino)-1(4H)-naphthalenylidene]-2-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 15 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

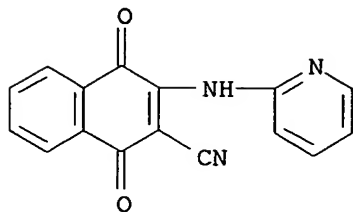
1981:603597 Document No. 95:203597 Synthesis of naphthoquinone derivatives. VI. Reactions of 2,3-dicyano-1,4-naphthoquinone with nucleophiles. Nakamori, Tateo; Okano, Takashi; Kasai, Toshiyasu (Fac. Eng., Tokyo Inst. Technol., Tokyo, 152, Japan). Nippon Kagaku Kaishi (8), 1287-94 (Japanese) 1981. CODEN: NKAKB8. ISSN: 0369-4577. OTHER SOURCES: CASREACT 95:203597.

IT **79864-78-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 79864-78-1 CAPLUS

CN 2-Naphthalenecarbonitrile, 1,4-dihydro-1,4-dioxo-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 16 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

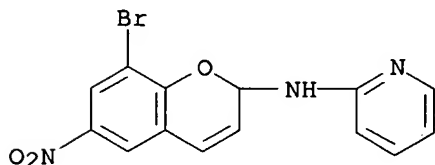
1983:89121 Document No. 98:89121 Ring-chain tautomerism of 3-bromo-5-nitro-2-hydroxycinnamaldehyde and its imines. Babeshko, O. M.; Medyantseva, E. A.; Lyashik, O. T.; Minkin, V. I. (Rostov. Gos. Univ., Rostov-on-Don, USSR). Khimiya Geterotsiklicheskikh Soedinenii (11), 1477-81 (Russian) 1982. CODEN: KGSSAQ. ISSN: 0453-8234. OTHER SOURCES: CASREACT 98:89121.

IT 84634-21-9

RL: PRP (Properties)  
(ring-chain tautomerism of)

RN 84634-21-9 CAPLUS

CN 2-Pyridinamine, N-(8-bromo-6-nitro-2H-1-benzopyran-2-yl)- (9CI) (CA INDEX NAME)



L21 ANSWER 17 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

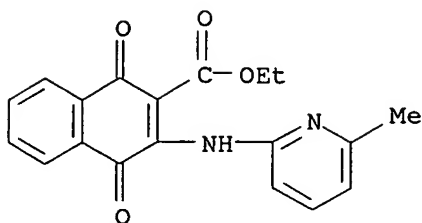
1983:522126 Document No. 99:122126 Synthesis of new heterocyclic quinones benzo[g]pyrido[2,1-b]quinazoline-6,11-diones and benzo[g]pyrazolo[3,2-b]quinazoline-5,10-diones. Kobayashi, Kazuhiro; Oda, Noriichi; Sakakibara, Jinsaku (Fac. Pharm. Sci., Nagoya City Univ., Nagoya, 467, Japan). Yakugaku Zasshi, 103(4), 473-9 (Japanese) 1983. CODEN: YKKZAJ. ISSN: 0031-6903. OTHER SOURCES: CASREACT 99:122126.

IT 87026-52-6P 87026-53-7P 87026-54-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and cyclization of)

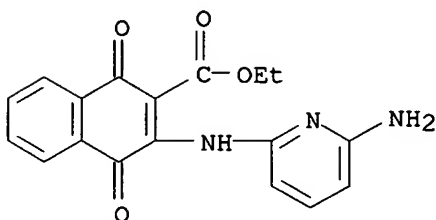
RN 87026-52-6 CAPLUS

CN 2-Naphthalenecarboxylic acid, 1,4-dihydro-3-[(6-methyl-2-pyridinyl)amino]-1,4-dioxo-, ethyl ester (9CI) (CA INDEX NAME)



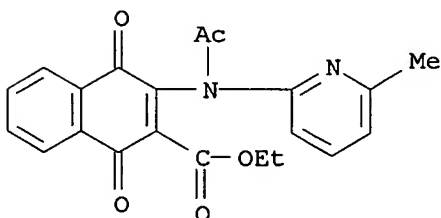
RN 87026-53-7 CAPLUS

CN 2-Naphthalenecarboxylic acid, 3-[(6-amino-2-pyridinyl)amino]-1,4-dihydro-1,4-dioxo-, ethyl ester (9CI) (CA INDEX NAME)



RN 87026-54-8 CAPLUS

CN 2-Naphthalenecarboxylic acid, 3-[acetyl(6-methyl-2-pyridinyl)amino]-1,4-dihydro-1,4-dioxo-, ethyl ester (9CI) (CA INDEX NAME)



L21 ANSWER 18 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1984:619875 Document No. 101:219875 Lithographic plate materials.  
(Mitsubishi Plastics Industries, Ltd., Japan). Jpn. Tokkyo Koho JP  
59003144 B4 19840123 Showa, 3 pp. (Japanese). CODEN: JAXXAD.  
APPLICATION: JP 1975-17485 19750213.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59003144	B4	19840123	JP 1975-17485	19750213

IT 92427-63-9

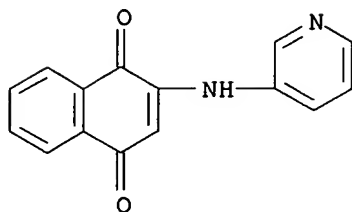
RL: USES (Uses)

(lithog. plate material with heat-curable hydrophilic layer containing)

RN 92427-63-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(3-pyridinylamino)- (9CI) (CA INDEX NAME)





L21 ANSWER 19 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1986:109277 Document No. 104:109277 1,4-Naphthoquinone derivatives and their use as drugs. Fruchtmann, Romanis; Horstmann, Harald; Junge, Bodo; Krupka, Udo; Opitz, Wolfgang; Pelster, Bernhard; Gauss, Walter (Troponwerke G.m.b.H. und Co. K.-G., Fed. Rep. Ger.). Ger. Offen. DE 3347657 A1 19850711, 41 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1983-3347657 19831231.

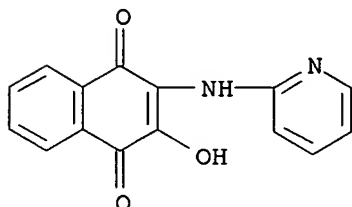
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3347657	A1	19850711	DE 1983-3347657	19831231
	NO 8404984	A	19850701	NO 1984-4984	19841212
	AU 8436594	A1	19850704	AU 1984-36594	19841212
	EP 149818	A2	19850731	EP 1984-115778	19841219
	EP 149818	A3	19861217		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	ES 538806	A1	19860401	ES 1984-538806	19841219
	DK 8406276	A	19850701	DK 1984-6276	19841221
	FI 8405125	A	19850701	FI 1984-5125	19841227
	ZA 8410113	A	19850828	ZA 1984-10113	19841228
	JP 60158150	A2	19850819	JP 1984-281938	19841229

IT 100845-26-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as antiinflammatory and antiarthritic drug)

RN 100845-26-9 CAPLUS

CN 1,4-Naphthalenedione, 2-hydroxy-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)

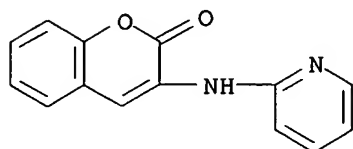


L21 ANSWER 20 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

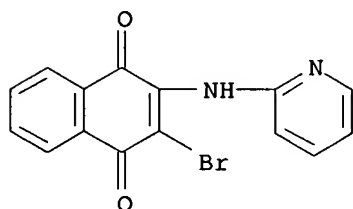
1987:458792 Document No. 107:58792 Synthesis and antimicrobial activity of some coumarin derivatives. El-Ebrashi, Nabila M. A.; Nasef, Atiat M. M.; Magd-El-Din, Asmaa A.; Atalla, Mohamed A. (Natl. Prod. Dep., Natl. Res. Cent., Cairo, Egypt). Egyptian Journal of Pharmaceutical Sciences, 27(1-4), 7-16 (English) 1986. CODEN: EJPSBZ. ISSN: 0301-5068.

IT 109520-12-9P

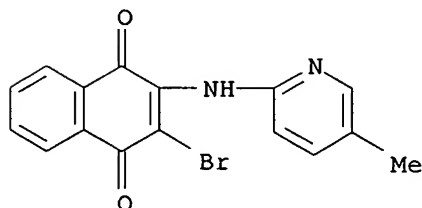
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 109520-12-9 CAPLUS  
CN 2H-1-Benzopyran-2-one, 3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 21 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
1991:491795 Document No. 115:91795 Synthesis of anticoagulant  
3-(N-arylamino)-1,4-naphthoquinones. (III). Ryu, Chung Kyu (Coll. Pharm.,  
Ewha Womans Univ., Seoul, 120-750, S. Korea). Yakhak Hoechi, 34(6), 422-8  
(Korean) 1990. CODEN: YAHOA3. ISSN: 0513-4234.  
IT 135330-21-1P 135330-22-2P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 135330-21-1 CAPLUS  
CN 1,4-Naphthalenedione, 2-bromo-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 135330-22-2 CAPLUS  
CN 1,4-Naphthalenedione, 2-bromo-3-[(5-methyl-2-pyridinyl)amino]- (9CI) (CA  
INDEX NAME)



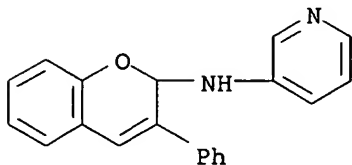
L21 ANSWER 22 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
1990:158020 Document No. 112:158020 Formation of a benzopyrylium ion and a  
quinoline from benzofuran. Sonnenschein, Helmut; Schmitz, Ernst;  
Pritzkow, Wolfgang (Cent. Inst. Org. Chem., Acad. Sci. GDR, Berlin,  
DDR-1199, Germany). Liebigs Annalen der Chemie (3), 277-9 (English) 1990.  
CODEN: LACHDL. ISSN: 0170-2041. OTHER SOURCES: CASREACT 112:158020.

IT **124127-44-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 124127-44-2 CAPLUS

CN 3-Pyridinamine, N-(3-phenyl-2H-1-benzopyran-2-yl)- (9CI) (CA INDEX NAME)



L21 ANSWER 23 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

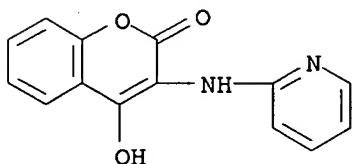
1992:531019 Document No. 117:131019 Synthesis of 4-hydroxycoumarin derivatives with anticipated biological activity. Nofal, Z. M.; Mandour, A. H.; Nassar, M. I. (Natl. Res. Cent., Cairo, Egypt). Egyptian Journal of Chemistry, Volume Date 1990, 33(6), 509-17 (English) 1991. CODEN: EGJCA3. ISSN: 0367-0422.

IT **143367-20-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and bactericidal and fungicidal properties of)

RN 143367-20-8 CAPLUS

CN 2H-1-Benzopyran-2-one, 4-hydroxy-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 24 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

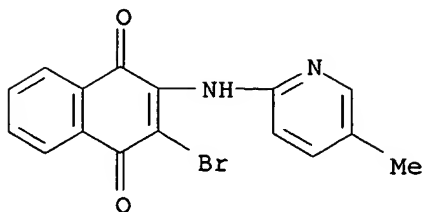
1993:449040 Document No. 119:49040 The synthesis and antimicrobial activities of some 1,4-naphthoquinones (II). Ryu, Chung Kyu; Kim, Dong Hyun (Coll. Pharm., Ewha Womans Univ., Seoul, 120-750, S. Korea). Archives of Pharmacal Research, 15(3), 263-8 (English) 1992. CODEN: APHRDQ. ISSN: 0253-6269.

IT **135330-22-2P 148400-41-3P 148400-42-4P 148400-43-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation and bactericidal and fungicidal activity of)

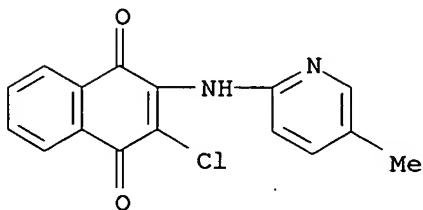
RN 135330-22-2 CAPLUS

CN 1,4-Naphthalenedione, 2-bromo-3-[(5-methyl-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



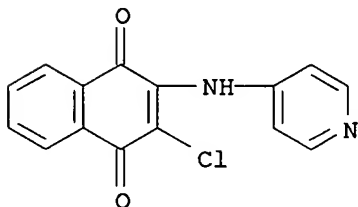
RN 148400-41-3 CAPLUS

CN 1,4-Naphthalenedione, 2-chloro-3-[(5-methyl-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



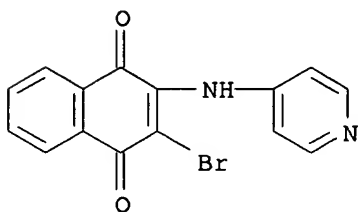
RN 148400-42-4 CAPLUS

CN 1,4-Naphthalenedione, 2-chloro-3-(4-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 148400-43-5 CAPLUS

CN 1,4-Naphthalenedione, 2-bromo-3-(4-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 25 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1992:83475 Document No. 116:83475 Heterocyclic [c]-condensed coumarins from

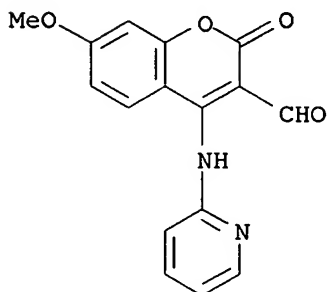
4-azido-3-coumarincarbaldehydes. Steinfuehrer, Thorsten; Hantschmann, Achim; Pietsch, Michael; Weissenfels, Manfred (Wissenschaftsbereich Org. Chem., Univ. Leipzig, Leipzig, O-7010, Germany). Liebigs Annalen der Chemie (1), 23-8 (German) 1992. CODEN: LACHDL. ISSN: 0170-2041. OTHER SOURCES: CASREACT 116:83475.

IT **136806-24-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 136806-24-1 CAPLUS

CN 2H-1-Benzopyran-3-carboxaldehyde, 7-methoxy-2-oxo-4-(2-pyridinylamino)-  
(9CI) (CA INDEX NAME)



L21 ANSWER 26 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

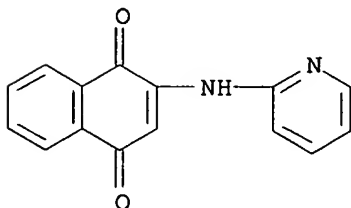
1993:427983 Document No. 119:27983 Pyridinium-N-(2-pyridyl)aminides: a selective approach to substituted 2-aminopyridines. Carceller, Rosa; Garcia-Navio, Jose L.; Izquierdo, Maria L.; Alvarez-Builla, Julio (Dep. Quim. Org., Univ. Alcala de Henares, Alcala de Henares, 28871, Spain). Tetrahedron Letters, 34(12), 2019-20 (English) 1993. CODEN: TELEAY. ISSN: 0040-4039. OTHER SOURCES: CASREACT 119:27983.

IT **93432-42-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and zinc reduction of)

RN 93432-42-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 27 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1995:203414 Document No. 122:30909 (Arylimino)dimagnesium reagents. XXVI. Reactions of iminodimagnesium reagents with 1,4-quinones: their structural factors governing the modes of reactions. Matsuo, Koji; Shiraki, Ryuji; Okubo, Masao (Fac. Sci. Eng., Saga Univ., Honjo, 840, Japan). Journal of Physical Organic Chemistry, 7(10), 567-77 (English) 1994. CODEN: JPOCEE.

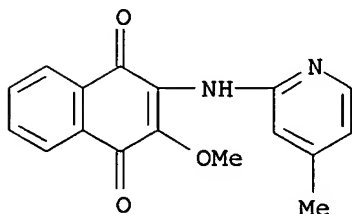
ISSN: 0894-3230. Publisher: Wiley.

IT 159765-33-0P 159765-42-1P 159765-45-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

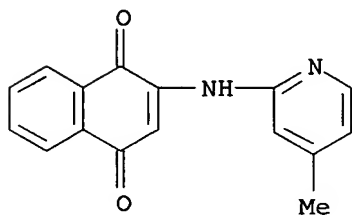
RN 159765-33-0 CAPLUS

CN 1,4-Naphthalenedione, 2-methoxy-3-[(4-methyl-2-pyridinyl)amino]- (9CI)  
(CA INDEX NAME)



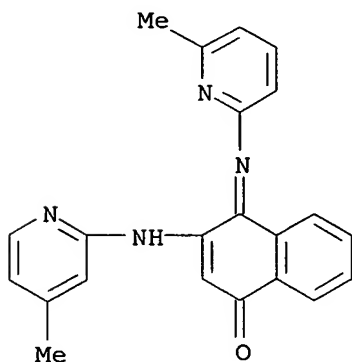
RN 159765-42-1 CAPLUS

CN 1,4-Naphthalenedione, 2-[(4-methyl-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



RN 159765-45-4 CAPLUS

CN 1(4H)-Naphthalenone, 3-[(4-methyl-2-pyridinyl)amino]-4-[(6-methyl-2-pyridinyl)imino]- (9CI) (CA INDEX NAME)



L21 ANSWER 28 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1994:534075 Document No. 121:134075 Azinium-N-(2'-azinyl)aminides:  
synthesis, structure and reactivity. Carceller, Rosa; Garcia-Navio, Jose

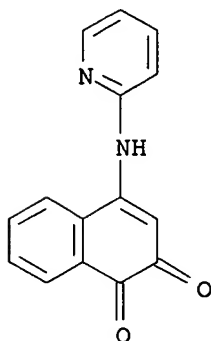
L.; Izquierdo, Maria L.; Alvarez-Builla, Julio; Fajardo, Mariano; Gomez-Sal, Pilar; Gago, Federico (Dep. Quim. Organica, Univ. Alcala, Alcala, 28871, Spain). Tetrahedron, 50(17), 4995-5012 (English) 1994. CODEN: TETRAB. ISSN: 0040-4020. OTHER SOURCES: CASREACT 121:134075.

IT 25132-23-4P 93432-42-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

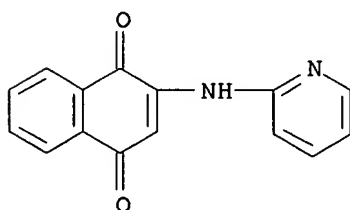
RN 25132-23-4 CAPLUS

CN 1,2-Naphthalenedione, 4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 93432-42-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 29 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

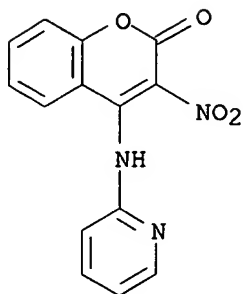
1996:331990 Document No. 125:114558 Synthesis and reactions of some 4-heteroaryl-3-nitrocoumarins. Govori, S.; Rapić, V.; Leci, O.; Cacic, M.; Tabakovic, I. (Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb, 10000, Croatia). Journal of Heterocyclic Chemistry, 33(2), 351-354 (English) 1996. CODEN: JHTCAD. ISSN: 0022-152X. Publisher: HeteroCorporation.

IT 56962-67-5P 178924-55-5P 178924-56-6P  
178924-57-7P 178924-58-8P

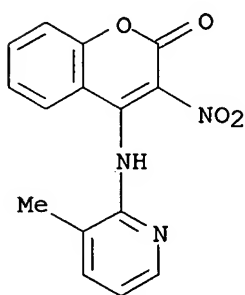
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)  
(prepn and antimicrobial activity and reactions of  
(heteroarylamino)nitrocoumarins)

RN 56962-67-5 CAPLUS

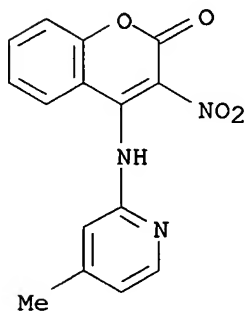
CN 2H-1-Benzopyran-2-one, 3-nitro-4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 178924-55-5 CAPLUS  
CN 2H-1-Benzopyran-2-one, 4-[(3-methyl-2-pyridinyl)amino]-3-nitro- (9CI) (CA INDEX NAME)

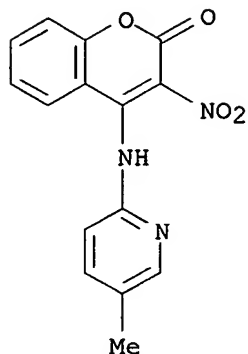


RN 178924-56-6 CAPLUS  
CN 2H-1-Benzopyran-2-one, 4-[(4-methyl-2-pyridinyl)amino]-3-nitro- (9CI) (CA INDEX NAME)



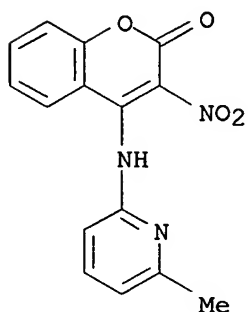
RN 178924-57-7 CAPLUS  
CN 2H-1-Benzopyran-2-one, 4-[(5-methyl-2-pyridinyl)amino]-3-nitro- (9CI) (CA INDEX NAME)





RN 178924-58-8 CAPLUS

CN 2H-1-Benzopyran-2-one, 4-[(6-methyl-2-pyridinyl)amino]-3-nitro- (9CI) (CA INDEX NAME)



L21 ANSWER 30 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1997:542848 Document No. 127:257629 2-Chloro-3-aryl-amino-1,4-naphthoquinones, their preparation, and their use as antithrombotics. Chung, kung Mun; Chung, Kung Yoo (Dong Kuo Pharmaceutical Co. Ltd., S. Korea). Jpn. Kokai Tokkyo Koho JP 09208551 A2 19970812 Heisei, 10 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1996-12233 19960126.

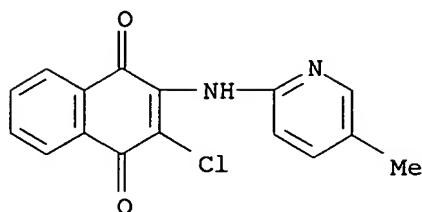
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09208551	A2	19970812	JP 1996-12233	19960126
JP 2756941	B2	19980525		

IT 148400-41-3P 196107-63-8P

RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of chloro(aryl-amino or pyridyl-amino)naphthoquinones as antithrombotics)

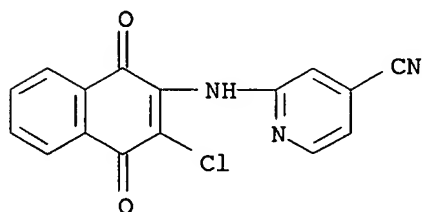
RN 148400-41-3 CAPLUS

CN 1,4-Naphthalenedione, 2-chloro-3-[(5-methyl-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



RN 196107-63-8 CAPLUS

CN 4-Pyridinecarbonitrile, 2-[(3-chloro-1,4-dihydro-1,4-dioxo-2-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



L21 ANSWER 31 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1997:516337 Document No. 127:121758 Use of bicyclic mono- or diketone derivatives, novel compounds, and their use as drugs for treating inflammation, migraine, and shock.. Bouterin-Falson, Odile; Desquand-Billiald, Stephanie; Favrou, Anita; Finet, Michel; Tembo, Olivier; Torregrosa, Jean-Luc; Yannic-Arnoult, Sylvie; et al. (Laboratoire Innothera, S.A., Fr.; Bouterin-Falson, Odile; Desquand-Billiald, Stephanie; Favrou, Anita; Finet, Michel; Tembo, Olivier; Torregrosa, Jean-Luc; Yannic-Arnoult, Sylvie). PCT Int. Appl. WO 9721432 A1 19970619, 82 pp. DESIGNATED STATES: W: JP, US; RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (French). CODEN: PIXXD2.

APPLICATION: WO 1996-FR1972 19961210. PRIORITY: FR 1995-14682 19951212.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9721432	A1	19970619	WO 1996-FR1972	19961210
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2742151	A1	19970613	FR 1995-14682	19951212
FR 2742151	B1	19980306		
EP 866692	A1	19980930	EP 1996-941733	19961210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000502334	T2	20000229	JP 1997-521798	19961210

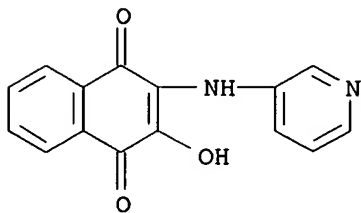
IT 192652-67-8P, 1,4-Dihydro-1,4-dioxo-3-hydroxy-2-(3-pyridylamino)naphthalene

RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of carbo- and heterobicyclic mono- and diketones as antiinflammatory, antimigraine, and antishock drugs)

RN 192652-67-8 CAPLUS

CN 1,4-Naphthalenedione, 2-hydroxy-3-(3-pyridinylamino)- (9CI) (CA INDEX NAME)

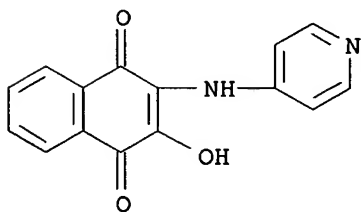


IT 192652-20-3P, 1,4-Dihydro-1,4-dioxo-3-hydroxy-2-(4-pyridylamino)naphthalene 192652-21-4P, 3-Chloro-1,4-dihydro-1,4-dioxo-2-[(3-chloro-2-pyridyl)amino]naphthalene  
RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of carbo- and heterobicyclic mono- and diketones as antiinflammatory, antimigraine, and antishock drugs)

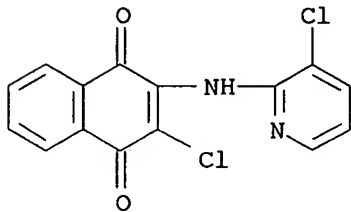
RN 192652-20-3 CAPLUS

CN 1,4-Naphthalenedione, 2-hydroxy-3-(4-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 192652-21-4 CAPLUS

CN 1,4-Naphthalenedione, 2-chloro-3-[(3-chloro-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)

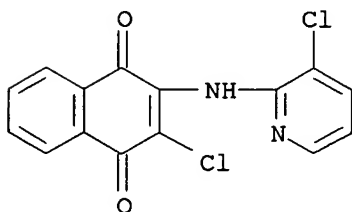


L21 ANSWER 32 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

1997:511622 Document No. 127:121731 Preparation of dioxonaphthalimidazopyridines and analogs as drugs. Bouterin-Falson,

Odile; Desquand-Billiald, Stephanie; Favrou, Anita; Finet, Michel; Tembo, Olivier; Torregrosa, Jean-Luc; Yannic-Arnoult, Sylvie; Joubert, Cecile; et al. (Laboratoire Innothera, Fr.; Bouterin-Falson, Odile; Desquand-Billiald, Stephanie; Favrou, Anita; Finet, Michel; Tembo, Olivier; Torregrosa, Jean-Luc). PCT Int. Appl. WO 9721709 A1 19970619, 63 pp. DESIGNATED STATES: W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, KZ, LC, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, UA, US, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1996-FR1974 19961210. PRIORITY: FR 1995-14684 19951212.

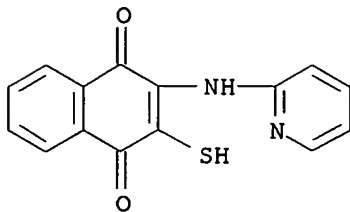
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9721709	A1	19970619	WO 1996-FR1974	19961210
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, KZ, LC, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, UA, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG				
FR 2742154	A1	19970613	FR 1995-14684	19951212
FR 2742154	B1	19980213		
AU 9711019	A1	19970703	AU 1997-11019	19961210
EP 876368	A1	19981111	EP 1996-941735	19961210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000501725	T2	20000215	JP 1997-521800	19961210
US 5981544	A	19991109	US 1998-77435	19980921
IT 192652-21-4				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(preparation of dioxonaphthalimidazopyridines and analogs as drugs)				
RN 192652-21-4 CAPLUS				
CN 1,4-Naphthalenedione, 2-chloro-3-[(3-chloro-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)				



L21 ANSWER 33 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
 2002:334338 Document No. 137:303749 A physico-chemical and quanta-mechanical study of electron-transfer [M-N2S2] complexes. Muresan, V.; Sbirna, L.; Sbirna, S.; Muresan, N. (Faculty of chemistry, University of Craiova, Craiova, 1100, Rom.). Analele Universitatii din Craiova, Seria Chimie, 29, 124-129 (English) 2000. CODEN: AUCCFR. ISSN: 1223-5288. OTHER SOURCES: CASREACT 137:303749. Publisher: Universitatea din Craiova.

IT 452067-45-7  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reactant for preparation of transition metal mercapto(pyridylamino)naphthoq

uinone complexes)  
 RN 452067-45-7 CAPLUS  
 CN 1,4-Naphthalenedione, 2-mercapto-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 34 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN  
 2001:713289 Document No. 135:257053 Amines substituted with a dihydronaphthalenyl, chromenyl, or thiochromenyl group, an aryl or heteroaryl group and an alkyl group, having retinoid-like biological activity. Beard, Richard L.; Vu, Thong; Colon, Diana F.; Vuligonda, Vidyasagar; Chandraratna, Roshantha A. (Allergan Sales, Inc., USA). PCT Int. Appl. WO 2001070668 A2 20010927, 122 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US8191 20010314. PRIORITY: US 2000-533680 20000323.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001070668	A2	20010927	WO 2001-US8191	20010314
WO 2001070668	A3	20020131		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6613917	B1	20030902	US 2000-533680	20000323
CA 2403805	AA	20010927	CA 2001-2403805	20010314
EP 1265848	A2	20021218	EP 2001-916657	20010314
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003528069	T2	20030924	JP 2001-568880	20010314
US 2004097733	A1	20040520	US 2003-612667	20030702

IT 362028-70-4P 362028-74-8P 362028-76-0P

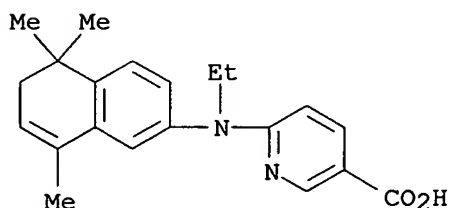
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of naphthylaminobenzoic acids with retinoid receptor activity)

10/612,667 Thomas McKenzie

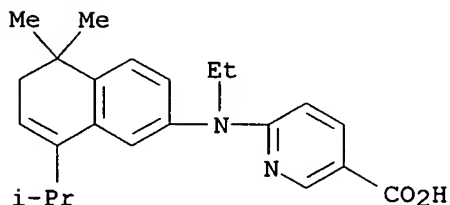
RN 362028-70-4 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[(5,6-dihydro-5,5,8-trimethyl-2-naphthalenyl)ethylamino]- (9CI) (CA INDEX NAME)



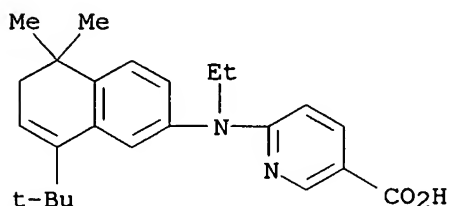
RN 362028-74-8 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[[5,6-dihydro-5,5-dimethyl-8-(1-methylethyl)-2-naphthalenyl]ethylamino]- (9CI) (CA INDEX NAME)



RN 362028-76-0 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[[8-(1,1-dimethylethyl)-5,6-dihydro-5,5-dimethyl-2-naphthalenyl]ethylamino]- (9CI) (CA INDEX NAME)



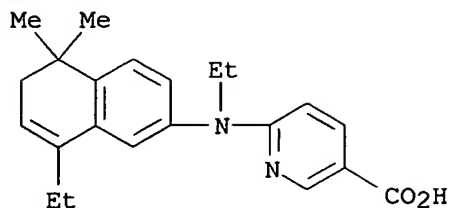
IT 362028-72-6P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of naphthylaminobenzoic acids with retinoid receptor activity)

RN 362028-72-6 CAPLUS

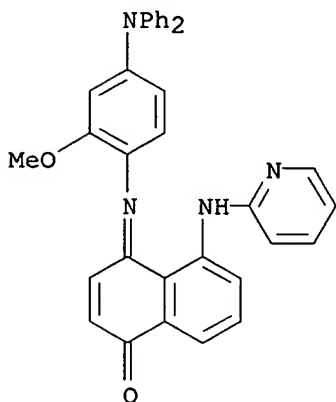
CN 3-Pyridinecarboxylic acid, 6-[ethyl(8-ethyl-5,6-dihydro-5,5-dimethyl-2-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



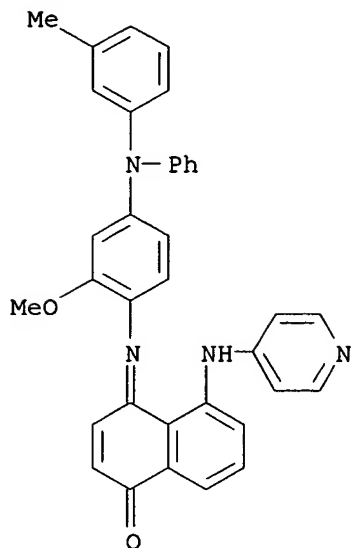
L21 ANSWER 35 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2002:901029 Document No. 138:5593 New colorants for ink-jet printing and thermal-transfer inks and method for recording using them. Yamakawa, Kazuyoshi; Suzuki, Akira; Takahisa, Koji; Mikoshiba, Takashi; Naruse, Hideaki (Fuji Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2002338837 A2 20021127, 49 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2001-146121 20010516.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338837	A2	20021127	JP 2001-146121	20010516
IT	<b>477244-32-9P 477244-34-1P</b>				
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(colorants; new thermal-transfer colorants for ink-jet printing inks and method for recording using them)				
RN	477244-32-9 CAPLUS				
CN	1(4H)-Naphthalenone, 4-[[4-(diphenylamino)-2-methoxyphenyl]imino]-5-(2-pyridinylamino)- (9CI) (CA INDEX NAME)				



RN 477244-34-1 CAPLUS  
 CN 1(4H)-Naphthalenone, 4-[[2-methoxy-4-[(3-methylphenyl)phenylamino]phenyl]imino]-5-(4-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 36 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2002:754676 Document No. 137:273161 Identification and use of quinone derivatives for the treatment or prevention of cancer and other proliferative diseases. Giordano, Anthony; Powers, Gordon Donald; Sturgess, Michael Alan; Yang, Ke (Message Pharmaceuticals, Inc., USA). PCT Int. Appl. WO 2002077609 A2 20021003, 87 pp. DESIGNATED STATES: W: CA, JP; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US9229 20020326. PRIORITY: US 2001-PV278902 20010326.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002077609	A2	20021003	WO 2002-US9229	20020326
WO 2002077609	A3	20031113		
W: CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

IT 465547-32-4P, MES 10559

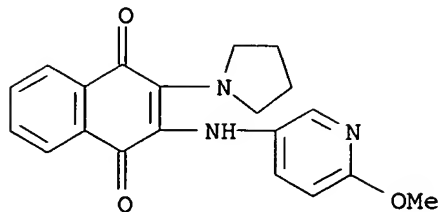
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(identification and use of quinone derivs. for treatment or prevention of cancer and other proliferative diseases)

RN 465547-32-4 CAPLUS

CN 1,4-Naphthalenedione, 2-[(6-methoxy-3-pyridinyl)amino]-3-(1-pyrrolidinyl)-(9CI) (CA INDEX NAME)





L21 ANSWER 37 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2002:459802 Document No. 137:194516 Complex compounds of nickel, palladium and platinum involved in electron transfer processes. Muresan, N.; Sbirna, L. S.; Sbirna, S.; Muresan, V.; Lepadatu, C. I. (Faculty of Chemistry, University of Craiova, Calea Bucuresti, 165, Rom.). Journal of the Indian Chemical Society, 79(5), 412-415 (English) 2002. CODEN: JICSAH. ISSN: 0019-4522. OTHER SOURCES: CASREACT 137:194516. Publisher: Indian Chemical Society.

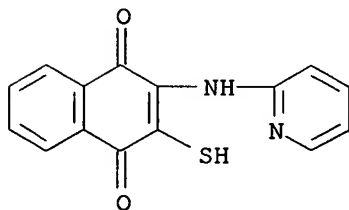
IT **452067-45-7P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction with nickel, palladium and platinum salts)

RN 452067-45-7 CAPLUS

CN 1,4-Naphthalenedione, 2-mercapto-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 38 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2003:991169 Document No. 140:27758 Preparation of pyrrolidinonaphthoquinones and related compounds for the treatment or prevention of proliferative diseases. Sturgess, Michael Alan; Yang, Ke (USA). U.S. Pat. Appl. Publ. US 2003232801 A1 20031218, 35 pp., Cont.-in-part of U.S. Ser. No. 106,572. (English). CODEN: USXXCO. APPLICATION: US 2003-413910 20030415. PRIORITY: US 2001-PV278902 20010326; US 2002-106572 20020326.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003232801	A1	20031218	US 2003-413910	20030415
US 6630589	B1	20031007	US 2002-106572	20020326

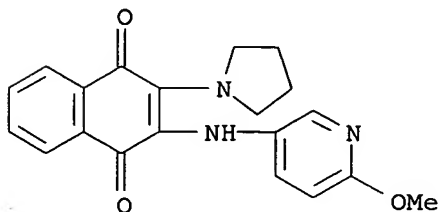
IT **465547-32-4P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrrolidinonaphthoquinones and related compds. for the treatment or prevention of proliferative diseases)

RN 465547-32-4 CAPLUS

CN 1,4-Naphthalenedione, 2-[(6-methoxy-3-pyridinyl)amino]-3-(1-pyrrolidinyl)-  
(9CI) (CA INDEX NAME)



L21 ANSWER 39 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2003:922666 Document No. 139:395822 Preparation of (2-azinylamino)quinone  
5-lipoxygenase inhibitors as anti-inflammatory agents. Bazan, Nicholas  
G.; Sunkel, Carlos; Builla-Gomez, Julio Alvarez (Board of Supervisors of  
Louisiana State University, USA; Agricultural and Mechanical College).  
U.S. US 6653311 B1 20031125, 17 pp. (English). CODEN: USXXAM.  
APPLICATION: US 2002-179534 20020625.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6653311	B1	20031125	US 2002-179534	20020625

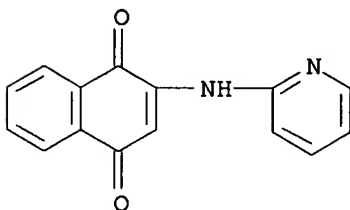
IT 93432-42-9P, 2-[(Pyridin-2-yl)amino]-[1,4]naphthoquinone  
625839-69-2P, 2-Methyl-3-[(pyridin-2-yl)amino]-[1,4]naphthoquinone  
625839-71-6P, 2-[(5-Chloropyridin-2-yl)amino]-[1,4]naphthoquinone  
625839-73-8P, 2-[(5-Bromopyridin-2-yl)amino]-[1,4]naphthoquinone  
625839-75-0P, 2-[(5-Iodopyridin-2-yl)amino]-[1,4]naphthoquinone  
625839-77-2P, 2-[(3,5-Dichloropyridin-2-yl)amino]-[1,4]naphthoquinone

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(5-lipoxygenase inhibitor; preparation of (2-azinylamino)quinone  
5-lipoxygenase inhibitors as anti-inflammatory agents)

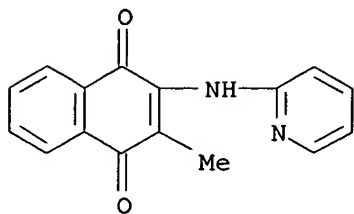
RN 93432-42-9 CAPLUS

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)

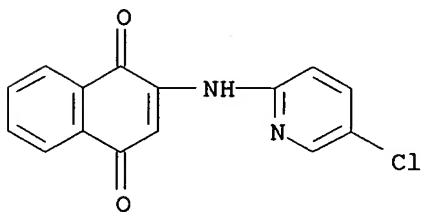


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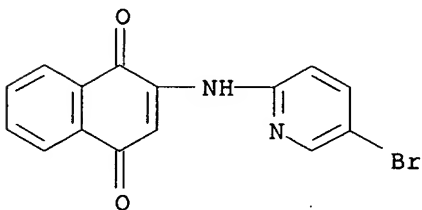
CN 1,4-Naphthalenedione, 2-methyl-3-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



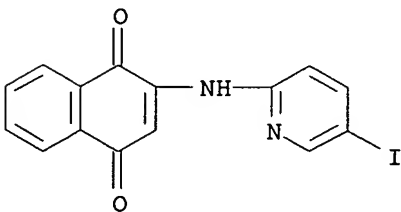
RN 625839-71-6 CAPLUS  
CN 1,4-Naphthalenedione, 2-[(5-chloro-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



RN 625839-73-8 CAPLUS  
CN 1,4-Naphthalenedione, 2-[(5-bromo-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)

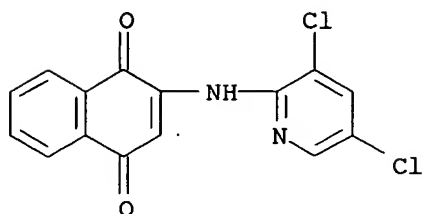


RN 625839-75-0 CAPLUS  
CN 1,4-Naphthalenedione, 2-[(5-iodo-2-pyridinyl)amino]- (9CI) (CA INDEX NAME)



RN 625839-77-2 CAPLUS  
CN 1,4-Naphthalenedione, 2-[(3,5-dichloro-2-pyridinyl)amino]- (9CI) (CA

INDEX NAME)



L21 ANSWER 40 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

2003:696586 Document No. 139:230485 Preparation of amines substituted with a dihydronaphthalenyl, chromenyl, or thiochromenyl group, an aryl or heteroaryl group and an alkyl group, having retinoid-like biological activity. Beard, Richard L.; Vu, Thong; Colon, Diana F.; Vuligonda, Vidyasagar; Chandraratna, Roshantha A. (USA). U.S. Pat. Appl. Publ. US 2003166932 A1 20030904, 43 pp. (English). CODEN: USXXCO. APPLICATION: US 2002-39502 20020104.

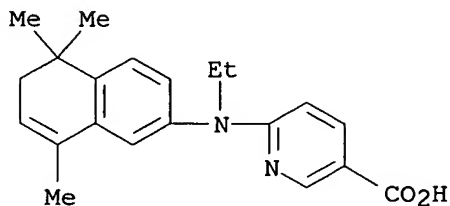
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PI	US 2003166932	A1	20030904	US 2002-39502	20020104
IT	362028-70-4P 362028-72-6P 362028-74-8P 362028-76-0P				

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of dihydronaphthalenyl aryl alkyl amines with retinoid-like activity)

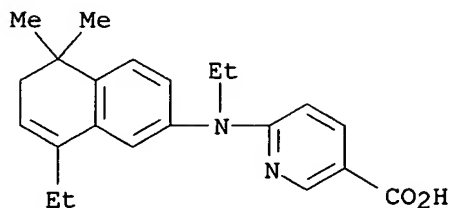
RN 362028-70-4 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[(5,6-dihydro-5,5,8-trimethyl-2-naphthalenyl)ethylamino]- (9CI) (CA INDEX NAME)



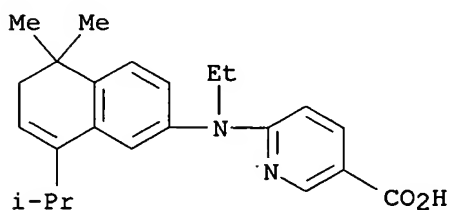
RN 362028-72-6 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[ethyl(8-ethyl-5,6-dihydro-5,5-dimethyl-2-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



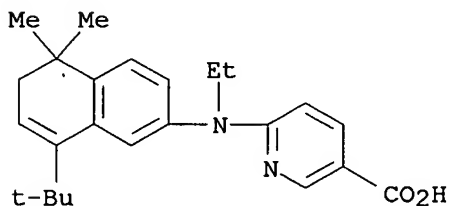
RN 362028-74-8 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[[5,6-dihydro-5,5-dimethyl-8-(1-methylethyl)-2-naphthalenyl]ethylamino]- (9CI) (CA INDEX NAME)



RN 362028-76-0 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[[8-(1,1-dimethylethyl)-5,6-dihydro-5,5-dimethyl-2-naphthalenyl]ethylamino]- (9CI) (CA INDEX NAME)



L21 ANSWER 41 OF 43 CAPLUS COPYRIGHT 2005 ACS on STN

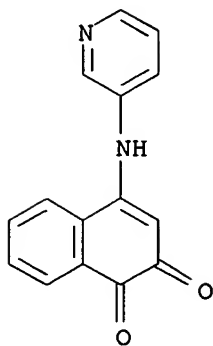
2003:610851 Document No. 139:270259 Data Mining the NCI Cancer Cell Line Compound GI50 Values: Identifying Quinone Subtypes Effective Against Melanoma and Leukemia Cell Classes. Marx, Kenneth A.; O'Neil, Philip; Hoffman, Patrick; Ujwal, M. L. (AnVil, Inc., Burlington, MA, 01803, USA). Journal of Chemical Information and Computer Sciences, 43(5), 1652-1667 (English) 2003. CODEN: JCISD8. ISSN: 0095-2338. Publisher: American Chemical Society.

IT 25132-24-5, NSC 637729

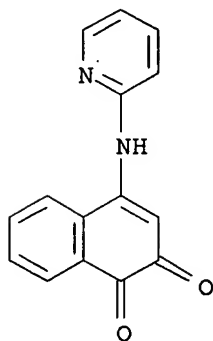
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(data mining the NCI cancer cell line compound GI50 values and identifying quinone subtypes effective against melanoma and leukemia cell classes)

RN 25132-24-5 CAPLUS

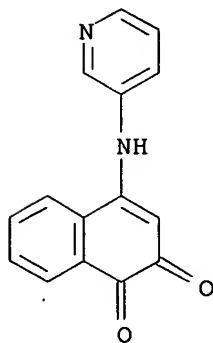
CN 1,2-Naphthalenedione, 4-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



L21 ANSWER 42 OF 43 CAOLD COPYRIGHT 2005 ACS on STN  
CA61:14598a naphthoquinone chemistry - (III) derivs. of 1,2- and  
1,4-naphthoquinone. Mosby, William L.; Silva, M. L.  
IT 25132-23-4 25132-24-5 92427-62-8  
92427-63-9 93432-42-9 100770-71-6  
RN 25132-23-4 CAOLD  
CN 1,2-Naphthalenedione, 4-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



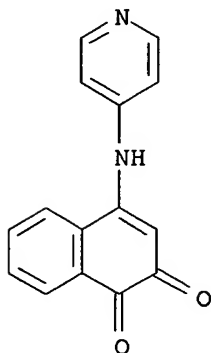
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RN 92427-62-8 CAOLD

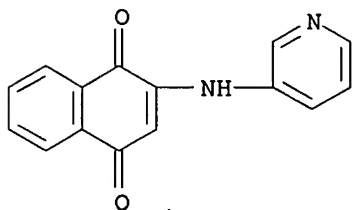
10/612,667 Thomas McKenzie

CN 1,2-Naphthoquinone, 4-(4-pyridylamino)- (7CI) (CA INDEX NAME)



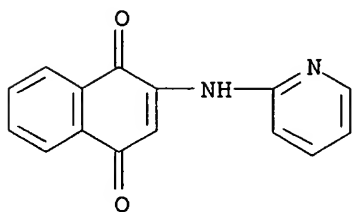
RN 92427-63-9 CAOLD

CN 1,4-Naphthalenedione, 2-(3-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 93432-42-9 CAOLD

CN 1,4-Naphthalenedione, 2-(2-pyridinylamino)- (9CI) (CA INDEX NAME)



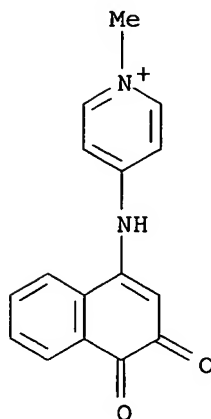
RN 100770-71-6 CAOLD

CN 4-[(3,4-Dihydro-3,4-dioxo-1-naphthyl)amino]-1-methylpyridinium benzenesulfonate (7CI) (CA INDEX NAME)

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CRN 100770-70-5

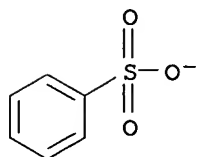
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CM 2

CRN 3198-32-1

CMF C6 H5 O3 S



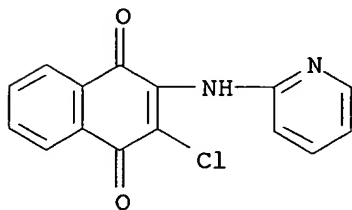
L21 ANSWER 43 OF 43 CAOLD COPYRIGHT 2005 ACS on STN

CA52:5405i benzo[d]pyrido[α]benzimidazole-4,9-quinone. Truitt, Price;  
Cooper, J. E., III; Wood, F. M., Jr.

IT 7248-75-1

RN 7248-75-1 CAOLD

CN 1,4-Naphthoquinone, 2-chloro-3-(2-pyridylamino)- (6CI, 8CI) (CA INDEX  
NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:.



10/612,667 Thomas McKenzie

STN INTERNATIONAL LOGOFF AT 16:50:57 ON 03 JAN 2005



## PALM INTRANET

Day :  
Monday  
Date:  
1/3/2005  
Time:  
16:59:53

### Inventor Information for 10/612667

Inventor Name	City	State/Country
BEARD, RICHARD L.	NEWPORT BEACH	CALIFORNIA
VU, THONG	GARDEN GROVE	CALIFORNIA
COLON, DIANA F.	NEWPORT BEACH	CALIFORNIA
VULIGONDA, VIDYASAGAR	IRVINE	CALIFORNIA
CHANDRARATNA, ROSHANTHA A.	MISSION VIEJO	CALIFORNIA

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1292	(546/280.1,282.7,304,312).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/01/03 17:09
L2	0	1 and "5,6-dihydro" and naphthalen\$	US-PGPUB; USPAT	OR	ON	2005/01/03 17:10
L3	3	1 and "5,6-dihydro"	US-PGPUB; USPAT	OR	ON	2005/01/03 17:10